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REGION 9 TECHNICAL ASSISTANCE TEAM
MONTHLY STATUS REPORT

November 1995

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Region IX
Emergency Response Section
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Contract No. 68 - WO - 0073

10 December 1995

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1.0 INTRODUCTION

Executive Summary

The U.S. Environmental Protection Agency (EPA) Region IX Technical Assistance Team (TAT) continued assessment and removal activities throughout the region in November 1995.

The TAT continued monitoring pump and treat operations at the Casmalia Resources site in Casmalia, California. Casmalia is the burial site for over six million drums and other landfill hazardous waste. Contaminated leachate is being pumped to an on-site treatment system. The TAT prepared an emergency contingency plan for site operations. The TAT also assisted in the design and implementation of a storm water discharge system. The TAT created a sampling and monitoring plan for a new leachate treatment system. A Photovac field GC unit was set up on site for analysis of treated water.

The TAT continued oversight of ERCS and RP contractors during excavation and backfilling of arsenic-contaminated residential soils at the Central Eureka Mine site in Sutter Creek, California. Oversight work continued for the Yavapai Pilot Study in Prescott, Arizona. Seven pilot bio-treatment cells are proving successful in reducing PCP concentration to below site action levels. The TAT attended a meeting with the RP and contractors to discuss full-scale bioremediation. Oversight work continued at the Terminal Tank Farm facility in Sparks, Nevada, where groundwater extraction well installation is ongoing.

At the Del Norte site in Crescent City, California, the TAT assisted with treatment system trouble-shooting and performed groundwater well sampling. At the Frontier Fertilizer site in Davis, California, the TAT continued bi-weekly treatment system sampling and well sounding. Pesticide contaminants in the local aquifer are being pumped and treated to below detectable levels.

The TAT provided a brief in-house training on measuring longitude and latitude to 12 TAT members. Two TATs attended a one-day GIS/GPS Expo at the Holiday Inn in San Francisco, California.

The TAT continues to research and develop new electronic forms of contract deliverables utilizing the EPA's new Lotus Notes software platform.

2.0 REGION IX PROGRAM MANAGEMENT

2.1 TAT Management

This report is a compilation of the activities performed by TAT for EPA Region IX, encompassing both the San Francisco and Long Beach offices. Activities reported include new responses related to chemical and oil releases, site investigations and cleanups. Other topics include a number of off-site assistance projects.

The latter portion of this report includes a brief narrative of each active TDD, with a TDD status summary included in Appendix A.

2.2 Meetings

The TAT management continues to hold regular weekly meetings with the Region IX DPO to coordinate upcoming project work, address program management issues, plan inter-agency trainings, and review regional equipment and personnel resources.

The TAT management continues to hold regular weekly meetings with the Region IX DPO to coordinate upcoming project work, address program management issues, review program funding and budgets, plan inter-agency trainings, and review regional equipment and personnel resources.

The TAT management has also met several times over the past few months with Department of Justice attorneys regarding motions being filed against H.B. Chapman. The TAT has recounted project specifics and provided file information for the site work done in Nevada in 1989 and 1990.

Several meetings have also taken place to review options for maintenance and final disposition of contract project files. The option currently favored by Region IX would involve a combination of microfiching file contents and creating a searchable database.

This month, the TAT also met with Federal Express Dangerous Goods Regional Supervisors to improve communications when an E & E dangerous goods package is rejected. This will improve our ability to avoid delays in shipments and downtime on receiving sites.

2.3 Staffing

Region IX TAT currently carries 21 dedicated FTE. The region delivered at the authorized level of 24 FTE by utilizing non-dedicated regional staff, when approved by EPA, to help meet zone crossover requirements, particular regional support needs, and to compensate for attrition of dedicated team members.

2.4 Equipment

Activities under this TDD for this month were: (1) equipment maintenance, (2) vehicle maintenance, including new tires for the Blazer, a new paint job for Astro Van, and body work on the Suburban II; and (3) purchasing supplies.

2.5 Training

During November 1995, the TAT provided a brief in-house training on measuring longitude and latitude to 12 TAT members. Two TAT members attended a one-day GIS/GPS Expo at the Holiday Inn in San Francisco, California.

2.6 Health and Safety

Personnel field certification and OSHA compliance is monitored on the E & E HASTrack computer system. All the San Francisco TAT regional field personnel are in compliance with company health and safety policy requirements. The annual refresher training was completed in June and July including CPR/First Aid re-certification.

2.7 Quality Assurance and Quality Control

The TAT is operating under a regional quality assurance/quality control program in accordance with Ecology and Environment, Inc. and EPA guidelines and requirements. The primary program objective of ensuring the proper collection of field data and the generation of high quality technical documents is being achieved by conducting quality assurance assessments of workplans, site safety plans, sampling plans, and reports. Audits of field and office operating procedures are also being performed.

2.8 Technology Transfer

The TAT has recently instituted a formal debriefing process following all significant projects and field activities. Participating TAT members, EPA OSCs and other agency representatives identify and discuss planning and preparation, staffing, logistics, communications and all technical project-related issues in an effort to enable more efficient field operations.

In conjunction with the TAT's Continuous Process Improvement (CPI) program for the region, the TAT is actively transferring all technical development work to the EPA in the form of SOPs, technical briefs, deliverables, presentations and demonstrations from three QA-related TDDs. This month, the TAT sponsored an in-house immunoassay test kit training provided by Millipore, Inc. representatives. Also, a compilation of "Fact Sheets" resulting from internal CPI activities were completed.

3.0 SUMMARY OF TAT OPERATIONS

3.1 Significant Emergency Responses:

- o No significant emergency responses during November 1995.

3.2 Environmental Justice Sites:

- o The TAT was not directed to any Environmental Justice sites during November 1995.

3.3 Summary of Funding Activity for 1-30 November 1995:

| | | |
|---|--------|-------|
| o | CERCLA | 96.0% |
| o | OPA | 3.0% |
| o | CEPP | 1.0% |

3.4 Summary of TDD Activities for 1-30 November 1995:

| | <u>November</u> | <u>Cumulative</u> |
|------------------|-----------------|-------------------|
| o Issued (1): | 04 | 47 |
| o Completed (2): | 01 | 04 |
| o Open (3): | | 43 |

- (1) new TDDs only (does not include amendments or cancellations)
(2) submitted as Interim AOC, or Final AOC (if no Interim was issued)
(3) no AOC issued

3.5 Technical Direction Documents for 1-30 November 1995:

- o SPCC Inspections [C]: 00
- o On-Scene Monitoring [B]: 00
- o Spill Cleanup Funded [D]: 00
- o Site Assessment [S]: 00
- o Removal Funded [F]: 01
T09-9511-002 ECA-1967-FC Superchrome Plating & Engineering, Inc.
- o Removal Potentially Responsible Party (PRP) (AO/CO) [R]: 01
T09-9511-001 E09-2012-RA American Chrome Engineering, Inc.
- o On-Site Monitoring [M]: 00
- o Special Project [J]: 00
- o Analytical Services [A]: 01
T09-9511-102 EAZ-0434-AD Yavapai Penta Pond
- o Corporate Special Project [K]: 01
T09-9511-101 ECA-1967-KB Superchorme Plating & Engineering, Inc.
- o Preparedness [P]: 00
- o Underground Storage Tanks (UST) [U]: 00
- o Federal Emergency Management Agency (FEMA) [E]: 00
- o Quality Assurance [Q]: 00
- o Training [T]: 00
- o Program Management [G]: 00
- o Technical Assistance [V]: 00
- o Information Management [N]: 00

3.6 Project Descriptions for 1-30 November 1995:

Below are narrative descriptions for TDDs active during the month of November 1995:

| | |
|--------------------------|---|
| TDD#: T099510-001 | GENERAL PROGRAM MANAGEMENT |
| PAN#: E09X001-GK | PROGRAM MANAGEMENT |
| STATUS: OPEN | SAN FRANCISCO & LONG BEACH, CALIFORNIA |

The TATL and both regional ATATLs expended TDD hours this month for overall program and office management activities, which included: project staffing, TDD administration, health and safety oversight, subcontracting administration, capital inventory maintenance, overall program and deliverable QA/QC, technical training, and personnel/team development. The TAT management has also formed an ad hoc committee to review and develop options for modifying/improving the performance evaluation and peer review protocols used by the team. This committee will investigate several new protocols, including some available through commercial vendors, and will report their findings to the whole team in the next few months. The TAT continues to research and develop new electronic forms of contract deliverables utilizing the EPA's new Lotus Notes software platform. Other issues requiring management attention this month included coordinating with ZPMO and the Regional DPO on program budget tracking and funding for the quarter (Option Period 3A).

| | |
|--------------------------|---|
| TDD#: T099510-002 | OPA/CWA GENERAL PROGRAM MANAGEMENT |
| PAN#: E09X002-GK | PROGRAM MANAGEMENT |
| STATUS: OPEN | SAN FRANCISCO & LONG BEACH, CALIFORNIA |

Under this TDD, the TAT provides management for the proper implementation and timely completion of OPA funded projects. The TAT management coordinates related activities with the ERS, assigns and monitors personnel on funded activities, provides QA/QC on all written and final documentation, and tracks and reviews related project costs within the allotted budget. OPA management for Region IX TAT will continue throughout the quarter under this TDD.

| | |
|--------------------------|----------------------------------|
| TDD#: T099510-003 | EPA SPILL PHONE |
| PAN#: E09X004-VK | TECHNICAL ASSISTANCE |
| STATUS: OPEN | SAN FRANCISCO, CALIFORNIA |

The EPA Region IX Spill Phone is answered by the TAT on Monday through Friday from 0700 to 1700 hours. A primary team member is assigned to the phone to provide continuous coverage. In November 1995, the TAT processed 417 spill reports.

| | |
|--------------------------|---|
| TDD#: T099510-004 | GENERAL TAT TRAINING |
| PAN#: E09X007-TK | TRAINING |
| STATUS: OPEN | SAN FRANCISCO & LONG BEACH, CALIFORNIA |

During November 1995, the TAT provided a brief in-house training on measuring longitude and latitude to 12 TAT members. Two TATs attended a one-day GIS/GPS Expo at the Holiday Inn in San Francisco, California.

TDD#: T099510-005
PAN#: E098177-GD
STATUS: OPEN

**TAT EQUIPMENT MAINTENANCE/MANAGEMENT
PROGRAM MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

Activities under this TDD for this month were: (1) equipment maintenance, (2) vehicle maintenance, including new tires for the Blazer, a new paint job for the Astro Van, and body work on the Suburban II; and (3) purchasing supplies.

TDD#: T099510-006
PAN#: E098132-VC
STATUS: OPEN

**SPECTRACE EVALUATION
TECHNICAL ASSISTANCE
SAN FRANCISCO, CALIFORNIA**

The TAT has evaluated the Spectrace 9000 XRF over a two year period at various sites throughout the region. The TAT completed the evaluation and was delivered the information at a presentation to be held in October. A final letter report will be submitted in December.

TDD#: T099510-007
PAN#: E098166-NC
STATUS: OPEN

**DIGITIZATION PILOT PROJECT
INFORMATION MANAGEMENT
SAN FRANCISCO, CALIFORNIA**

The TAT is developing a proposal to digitize TAT reports onto the existing EPA's Lotus Notes platform. The TAT researched authoring and mastering software, as well as hardware requirements. A Technical Assistance Lotus Extension (TALE) proposal has been developed and forwarded to the agency. System requirements with cost analyses have been forwarded to the DPO for action. The TAT personnel attended Lotus Notes training classes at EPA during August 1995. The TAT has a working copy of Lotus Notes and an account was installed at E & E by EPA personnel. Digitized deliverables will then be generated and submitted to EPA via modem. Deliverable protocols will be developed prior to implementing this system.

TDD#: T099510-008
PAN#: E098023-NH
STATUS: OPEN

**REGIONAL CERCLIS COORDINATOR
INFORMATION MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT is operating a regional CERCLIS program under the guidance of the USEPA. Comprehensive information management support is provided and database information sheets regarding Superfund removal sites are completed.

TDD#: T099510-009
PAN#: E098062-QH
STATUS: OPEN

**QA/QC COORDINATION
QUALITY ASSURANCE
SAN FRANCISCO, CALIFORNIA**

The Regional QA/QC Program, in accordance with E & E and EPA requirements, ensures the generation of accurate and high quality field data and formal reports. Quality assurance assessments of work plans, site safety plans, sampling plans, reports, and field audits will be conducted. Standard operating procedures will be referenced.

TDD#: T099510-010
PAN#: E09Z200-GA
STATUS: OPEN

HEALTH & SAFETY COORDINATION
PROGRAM MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA

Personnel field certification and OSHA compliance is monitored on the E & E HASTrack computer system. All the San Francisco TAT regional field personnel are in compliance with company health and safety policy requirements. The annual refresher training was completed in June and July including CPR/First Aid re-certification.

TDD#: T099510-011
PAN#: E09Z201-GA
STATUS: OPEN

TAT ADMINISTRATIVE SUPPORT
PROGRAM MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA

In order for the TAT to run smoothly, efficiently and effectively, the TAT administrative staff are continually supporting the Region IX TAT in San Francisco and Long Beach office by maintaining the required office files, providing word processing, accounting support, and reception. One TAT administrative assistant is in charge of coordinating TDD/AOC with the TAT members and EPA personnel. She also is in charge of assigning waste site tracking numbers in order for the team members to correctly charge labor and other direct costs to the proper projects. Other duties include regular tracking of project due dates, hours, costs for TAT project managers as well as EPA project managers. The TAT administrative staff provides administrative and clerical support as required.

TDD#: T099510-012
PAN#: E09Z202-VA
STATUS: OPEN

ON-CALL/RESPONSE CALL-OUT
TECHNICAL ASSISTANCE
SAN FRANCISCO & LONG BEACH, CALIFORNIA

The TAT provides 24-hour on-call and emergency response capabilities out of both the Long Beach and San Francisco offices. Two TAT members are always on-call in each office. There were no response call-outs in November 1995.

TDD#: T099510-013
PAN#: E09Z203-QA
STATUS: OPEN

ANALYTICAL QUALITY ASSURANCE
QUALITY ASSURANCE
SAN FRANCISCO & LONG BEACH, CALIFORNIA

The TAT provided non-site specific Analytical Quality Assurance for the ERS and the TAT program. Duties in October involved assisting with government investigation of a laboratory formerly used by the TAT. The TAT is currently assessing their ability to do emergency sample analysis.

TDD#: T099510-014
PAN#: E09Z204-QA
STATUS: OPEN

TECHNICAL QUALITY CONTROL
QUALITY ASSURANCE
SAN FRANCISCO & LONG BEACH, CALIFORNIA

The TAT will use these hours to conduct technical research and development activities as directed by OSCs, or as needed based on team development objectives. Dissemination of information will be in the form of Fact Sheets entered into the TAT database, and training as required.

TDD#: T099510-015
PAN#: E09Z205-NA
STATUS: OPEN

**COMPUTER SUPPORT/MANAGEMENT
INFORMATION MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

This Technical Direction Document provides computer support for the TAT. Computer training of TAT members will be conducted under this TDD, as well as computer virus checks and elimination. Maintenance and coordination of computer hardware and software for both TAT-dedicated and non-TAT computers will also be performed. With the introduction of Lotus Notes as the EPA Region IX TAT's integrated database/information management system, this TDD will provide the support needed to install and maintain associated hardware and software.

TDD#: T099510-016
PAN#: E09Z206-GA
STATUS: OPEN

**REGIONAL CONTRIBUTION TO FIXED E & E
PROGRAM MANAGEMENT
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

This TDD was opened as an accounting mechanism for program budget tracking at the regional level for the EPA Region IX contribution to the E & E contract fixed fee for option period 3A. No labor or other direct costs will be charged under this TDD.

TDD#: T099510-017
PAN#: E09Z003-PD
STATUS: OPEN

**CEPP MANAGEMENT ACTIVITY STARTUP
PREPAREDNESS
SAN FRANCISCO, CALIFORNIA**

The TAT has received a CEPP management TDD to be used during this semester for preparing project cost estimates. The TAT will use this TDD to provide administrative oversight, cost accounting, and preliminary project planning meetings. The CEPP TDD is being used for administrative costs related to the Honolulu field exercise, evacuation guidance document, air monitoring manual, Southern Pacific Railroad Safety Audit and initial activities of the Puna Geothermal Emergency Response Plan evaluation.

TDD#: T099510-018
PAN#: E09Z171-PC
STATUS: OPEN

**EMERGENCY AIR MONITORING DIRECTORY
PREPAREDNESS
CONTRA-COSTA, CALIFORNIA**

The TAT has reviewed the Emergency Air Monitoring TDD and has begun initial meetings with the EPA to refine and implement the scope of work. The TAT is tasked with preparing a county-wide (Contra Costa County) air monitoring resource directory to upgrade local response preparedness. The TAT has conducted in-depth interviews with emergency response and analytical laboratory officials in the city of Richmond, Contra Costa County, and Air Resources Board laboratories in Sacramento, California. The TAT has also evaluated air monitoring resources of Chevron, USA and Chevron Research and Technology, Inc. (a part of Chevron, USA) and is initiating development of the database for the regional directory. The TAT is now entering information into the database regarding local emergency air monitoring and sampling capabilities, and analytical services laboratories in the San Francisco Bay Area.

TDD#: T099510-019
PAN#: E092090-PD
STATUS: OPEN

OAHU FULL-FIELD EXERCISE
PREPAREDNESS
SAN FRANCISCO, CALIFORNIA

The TAT made a presentation on the Oahu Full-Field Exercise to the Oceanic Regional Response Team, provided pre-exercise training, conducted the exercise and led the formal after-action evaluation. The TAT is preparing the final evaluation report based on comments from key players involved in the exercise.

TDD#: T099510-020
PAN#: E092189-PB
STATUS: OPEN

EVACUATION GUIDANCE DOCUMENT
PREPAREDNESS
SAN FRANCISCO, CALIFORNIA

The TAT has begun preparing the evacuation shelter-in-place guidance manual and decision tree document by reviewing current relevant FEMA publications. The TAT has ordered relevant publications from various local agencies and FEMA and is in the process of conducting background information gathering. The TAT has met with representatives of the Los Angeles County Fire Department, Los Angeles County Health and Hazardous Materials Division, and Los Angeles Unified School District to discuss case histories for inclusion in the document. The TAT is currently writing the guidance manual.

TDD#: T099510-021
PAN#: E092175-PB
STATUS: OPEN

SOUTHERN PACIFIC RAILROAD CSA
PREPAREDNESS
SAN FRANCISCO, CALIFORNIA

The TAT submitted evaluations of the Southern Pacific Railroads emergency preparedness management plan to the EPA in February of 1995. A draft safety audit document, which included the TAT's and the EPA's evaluation, is currently being reviewed by Southern Pacific Railroad. The final report will be edited and distributed by the TAT after Southern Pacific's comments are received and incorporated.

TDD#: T099510-022A
PAN#: ECA1218-FB
STATUS: OPEN

FRONTIER FERTILIZER
REMOVAL FUNDED
DAVIS, CALIFORNIA

Field work at the Frontier Fertilizer Site commenced on April 17, 1995. To date, work completed at the site includes installation of 11 extraction wells, abandonment of 4 monitoring wells, and redevelopment of 10 existing monitoring wells. In May, six new injection wells were added south of the former pesticide source area. These wells inject treated groundwater from the pump-and-treat system back into the two uppermost semi-confined aquifers upgradient of the former source area. It is expected that injection of groundwater will serve to flush pesticide-contaminated soils and reduce the time required to remediate this site. Well installation was completed on May 26, 1995. During mid- to late-May the EPA completed a high voltage electron beam pilot-scale groundwater treatment test, the results of which are pending. This unit is intended to run either alone or parallel to a conventional granular activated carbon (GAC) system. The TAT prepared a QASP for periodic sampling of the groundwater pump-and-treat system and sampling of influent and

effluent began in mid-July on a weekly basis. During June 1995, the TAT visited the site to learn the operation of the software that will control the pump-and-treat system. The QASP completed by the TAT outlines three objectives of sampling: 1) monitoring the influent from S1-S2 and A1 aquifer wastestreams; 2) checking for breakthrough in the GAC units; and 3) monitoring the effluent to comply with discharge permit requirements for the city of Davis. Dates of sampling in July were the 14th, 21st and 27th. Sampling will continue on a weekly basis until the breakthrough characteristics of the GAC units are clearly understood. Sampling of the pump-and-treat system continued during August on the 4th, 14th, 18th, and 25th. In addition, the TAT has begun measuring static water levels in the non-pumping wells at the site. Analytical results to date indicate up to 3,000 ppb DCP, 1,300 ppb EDB, and 30 ppb DBCP in the influent samples. All effluent samples to date have no detectable contaminants. The treatment system was sampled on September 1st, 8th, 22nd, and 29th. There was a malfunction in the system's operating software which resulted in its being shut down during the period of September 12th to the 19th. During October, the treatment system was sampled on October 18th and 31st. Also during October, the TAT was tasked by OSC Mandel to conduct a baseline groundwater sampling survey of 29 wells, including 12 extraction wells and 17 monitoring wells. This sampling was conducted between October 16-19. The purpose of the sampling was to identify the presence and levels of contaminants in individual wells as well as identifying additional monitoring wells suitable for conversion to extraction wells. The treatment system sampling has been modified to twice a month and was conducted November 13 and 28. The bi-weekly sampling will continue each month.

TDD#: T099510-023
PAN#: EAS0444-FC
STATUS: OPEN

NAVAJO TOXAPHENE
REMOVAL FUNDED
WINDOW ROCK, ARIZONA

The TAT was directed to determine the extent of toxaphene soil contamination and assist in bioremediation efforts on 22 sites across the Navajo Nation. The TAT has characterized all 22 sites, evaluated all data, determined excavation requirements and calculated amendment volumes necessary for the bioremediation phase of the project. Excavation of contaminated soil and installation of bioremediation cells has been completed at all 22 sites. Bioremediation is complete at fourteen of the sites and work is currently being done to remove those treatment cells. The remaining treatment cells were sampled at the end of September to monitor bioremediation progress. The next sampling of the remaining bioremediation cells is tentatively scheduled for late Spring 1996.

TDD#: T099510-024
PAN#: ECA1211-VD
STATUS: OPEN

DIAMOND 20 ASBESTOS
TECHNICAL ASSISTANCE
COPPEROPOLIS, CALIFORNIA

The TAT provided health and safety training and technical oversight for RP funded remediation work on June 21 - 22, 1995. The oversight started immediately following the training. The TAT reviewed work plans, health and safety plans and the QASP prior to site activities. The TAT oversaw all site activities involving the encapsulating of asbestos-bearing

material. Encapsulating of the material was completed in July 1995. A final report will be submitted to EPA in November 1995.

TDD#: T099510-025
PAN#: ECA0561-MB
STATUS: OPEN

DODSON BROTHER OIL COMPANY
ON-SITE MONITORING
MONTCLAIR, CALIFORNIA

In September, The TAT monitored the underground storage tank excavation and associated cleanup at the Dodson Brothers site in Montclair, California. The effort is being conducted voluntarily by the PRPs (no CERCLA Order at this time). The TAT will continue to review workplans and provide on-site monitoring and assistance for contaminated soils excavation associated with two former on-site surface impoundment areas. Final phase soils excavation is tentatively scheduled for December.

TDD#: T099510-026
PAN#: ECA1973-FB
STATUS: OPEN

CENTRAL EUREKA MINE
REMOVAL FUNDED
SUTTER CREEK, CALIFORNIA

The TAT conducted health and safety oversight of removal activities at the Central Eureka Mine site in Sutter Creek, Amador County, California. This included documenting off-site dust migration with minirams equipped with dataloggers and overseeing personnel health and safety for ERCS and one RP contractor who excavated and backfilled arsenic contaminated residential yards. A second RP contractor has been conducting excavation of arsenic contaminated soil on the mesa, and will continue through December 1995.

TDD#: T099510-028
PAN#: ECA1019-FE
STATUS: OPEN

DEL NORTE PESTICIDE
REMOVAL FUNDED
CRESCENT CITY, CALIFORNIA

The TAT continues to conduct quarterly monitoring of groundwater for the pesticide 1,2-DCP at this Superfund site in Del Norte County, California. Groundwater is pumped from two extraction wells to an air stripping system. Treated water is pumped to a sanitary sewer and air from the system is treated by ultraviolet oxidation before release. In February 1994, the TAT installed nine groundwater sparge points with the EPA Geoprobe. This was done to enhance removal of contamination from groundwater and soil. In July 1995, the TAT installed 15 additional sparge points with a rented four-wheel-drive Geoprobe. Also in July 1995, the TAT assisted the EPA in repairing the discharge line and restarting the system. The system had been inoperative since the fall of 1995 due to pump breakdowns. Also, the system is shut down every winter to avoid freeze damage. In addition, the TAT sampled four on-site monitoring wells. In September 1995, the TAT investigated system malfunctions and adjusted pumping and sparge rates. In October 1995, the TAT collected quarterly groundwater monitoring samples and performed scheduled system maintenance.

TDD#: T099510-029
PAN#: ECA0156-FE
STATUS: OPEN

CASMALIA RESOURCES
REMOVAL FUNDED
CASMALIA, CALIFORNIA

The TAT continues to provide technical assistance during removal activities at Casmalia Resources. The TAT is overseeing operations of on-site leachate pump and storage facilities. The TAT is also providing QA/QC for the ERCS' on-site treatment system and maintaining the administrative record and RCMS for the site. An interim report was submitted to the EPA summarizing on-site activities to date. The TAT is currently assisting in the design and implementation of plans for the release of rainfall runoff from two containment ponds. The TAT prepared a Storm Water Pollution Prevention Plan and conducted sampling and inspection of the ponds and Casmalia Creek. The TAT is designing sampling and monitoring plans for a new on-site treatment system.

TDD#: T099510-030
PAN#: ENV0054-RD
STATUS: OPEN

SPARKS SOLVENT FUEL/PLUME
REMOVAL PRP
SPARKS, NEVADA

During a site assessment in 1991, the TAT discovered soil and groundwater contamination by petroleum hydrocarbons and chlorinated solvents at a large above ground storage tank farm and railyard complex in Sparks, Nevada. Subsequently, the EPA issued an Administrative Order to a respondent group of eight oil companies, a pipeline partnership, and a railroad transportation company. The TAT evaluated the respondent's removal action plan and provided comments to the EPA. The TAT conducted oversight of all respondent assessment and removal activities and is currently monitoring the installation of a large-scale vapor extraction and groundwater treatment system. Verbal reports are submitted daily whenever the TAT is on site. The TAT has also attended and provided assistance for technical workgroup meetings, public meetings, and regulator discussions. In January 1995, the TAT investigated and documented health and safety violations in conjunction with Nevada OSHA, NVDEP, and Washoe County Health. An interim progress report was submitted by the TAT in July 1995. The TAT is currently evaluating an accelerated cleanup proposal submitted by the respondents in October 1995.

TDD#: T099510-031
PAN#: EAZ0415-SC
STATUS: OPEN

SANDER'S AVIATION
SITE ASSESSMENT
TEMPE, ARIZONA

Prior to site assessment activities (TDD # T0994008-005 and T099410-034) the TAT reviewed background information on the Sander's Aviation Site, Tempe, Arizona. On September 1, 1994, the TAT met with ADEQ and the EPA OSC during a site visit. The TAT prepared a trip report for this visit and an estimate of the cost for preliminary testing of soil contamination at the site. The TAT prepared a QASP for the removal assessment and revisited the site in November 1994 to discuss remediation options with a subcontractor and the EPA's ERT. In December 1994, the TAT mobilized to Tempe, Arizona and performed sampling activities through December 16. The TAT completed the report on the removal assessment and submitted the final report to the EPA. The TAT met with the EPA to discuss additional

work at the Sanders Aviation Site and prepared a QASP for the work. The TAT returned to the site to perform further site characterization in July 1995. This work was discussed in a draft report submitted to the EPA in September 1995. The TAT prepared a QASP for Air Monitoring during trial thermal desorption tests in September 1995. The TAT completed the air monitoring trial and prepared a report describing on-site activities. The TAT prepared a QASP for process monitoring and confirmation sampling during the excavation and treatment phase of the project.

TDD#: T099510-032
PAN#: EAZ0434-RD
STATUS: OPEN

YAVAPAI PENTA POND
REMOVAL PRP
PRESCOTT, ARIZONA

Prior site assessment activities (TDD# T099112-008) at the defunct Southwest Forest Industries site, located on the Yavapai-Prescott Indian Reservation, revealed gross contamination of pentachlorophenol (PCP) and metals in soil. In August 1992, the PRP, Stone Container Corp. signed an EPA Consent Order agreeing to characterize and remediate the site. The TAT oversaw sampling activities conducted by the PRP contractor during the month of December 1992. In October 1993, a Quality Assurance Project Plan (QAPP) and Phase II sampling workplan were submitted to EPA, which the TAT also reviewed. The TAT has monitored the implementation of the Phase II work plan which was completed August 3, 1994. The TAT produced a Phase II Interim Report and submitted it to the OSC on October 24, 1994. The TAT met with the RP and contractors to discuss Phase II results on October 27, 1994. The TAT reviewed the RP's Phase II report and the RP's Remedial Screening report submitted on November 30, 1994. The TAT met with the RP and contractors on May 3, 1995, to discuss plans for pilot studies on a bioremediation remedy. The TAT is currently monitoring the pilot study of 7 on-site bioremediation cells and 3 in situ cells, which began in July 1995. The TAT attended a scoping meeting with the RP and contractors on November 30 to discuss the conceptual design of full-scale bioremediation.

TDD#: T099510-033
PAN#: ECA1940-RB
STATUS: OPEN

OMEGA RECOVERY SERVICES
REMOVAL PRP
WHITTIER, CALIFORNIA

In September, the PRP drum removal effort phase of this project was completed. Nearly 3,000 drums and tanks were removed under the provisions of an EPA approved workplan. The TAT provided a full-time on-scene monitoring and reporting function throughout this phase. Second phase soil gas sampling was performed in October and the TAT is currently providing review of the results. Final phase soil and groundwater sampling will be conducted after EPA grants final approval of the revised workplan.

TDD#: T099510-036
PAN#: E09X194-NA
STATUS: OPEN

BULLETIN BOARD SYSTEMS
INFORMATION MANAGEMENT
LONG BEACH, CALIFORNIA

Under this TDD, the TAT will produce a dynamic index and brief synopsis of various environmental bulletin board systems that have been evaluated for usefulness to the removal program. An amendable field and office

reference will be produced which includes sponsoring state/federal agency or organization, information category, access number, and a brief summary of the information available.

TDD#: T099510-037
PAN#: E098195-VA
STATUS: OPEN

**LEVEL "A" JUSTIFICATION & DEVELOP SOP
TECHNICAL ASSISTANCE
LONG BEACH, CALIFORNIA**

The TAT is currently assessing the need for Level "A" capabilities in EPA Region IX. For comparison, all TAT Zone II regions are being requested to provide Level "A" capabilities and standard procedure information, where applicable. Local jurisdictions within Region IX are also being solicited to identify Level "A" response support needs and deficiencies. Pending the outcome of the background information gathering, the TAT may develop a standard operating procedure to institute coordinated Level "A" capability within the Region IX TAT.

TDD#: T099510-038
PAN#: ECA2015-SA
STATUS: INTERIM

**GIBSON ENVIRONMENTAL - BAKERSFIELD
SITE ASSESSMENT
BAKERSFIELD, CALIFORNIA**

In October, the TAT conducted a site inspection of the now defunct Gibson Environmental RCRA TSDF in Bakersfield, California. The inspection focused on potential on and off-site chemical release concerns associated with facility abandonment. The TAT determined that the present state of site security, lock-out of process equipment, and stabilization of waste piles was adequate for short term closure. An interim AOC and report have been submitted.

TDD#: T099510-039
PAN#: ECA2016-SA
STATUS: OPEN

**GIBSON ENVIRONMENTAL - REDWOOD CITY
SITE ASSESSMENT
REDWOOD CITY, CALIFORNIA**

The TAT met with Gibson's recycling facility manager in Redwood City on 24 October 1995. Representatives from the Port of Redwood City, the facility property owner, also attended. The TAT reviewed emergency procedures and maintenance protocols in case the facility, with Gibson Environmental having declared bankruptcy, is left abandoned and the TAT is called upon to assure abandoned materials are secure. The Port of Richmond will continue to fund the facility crew until the facility can be transferred to a new owner. On November 15, 1995, the TAT contacted the former Gibson facility manager and learned that he had been contracted by the Port of Redwood City to continue management of the site until future arrangements can be made. The TAT has prepared a report documenting site assessment activities and recommendations.

TDD#: T099510-040
PAN#: E098196-VA
STATUS: OPEN

**CPT & HOLLOW STEM EVALUATION
TECHNICAL ASSISTANCE
LONG BEACH, CALIFORNIA**

Under this TDD, the TAT will prepare a comparative analysis of cone penetration testing (CPT) equipment and conventional hollow stem drilling equipment. The analysis will assist OSCs and Project Managers with

selection of CPT or hollow stem technology based on cost, ease of use, appropriate settings and sampling objectives.

TDD#: T099510-041
PAN#: E092172-TE
STATUS: OPEN

CCC TRAINING
TRAINING
LONG BEACH, CALIFORNIA

The TAT is assisting the CCC in providing training to Corp members as part of that organization's oil spill response program. Specifically, the TAT will provide instructors and course materials for two 24-hour classes to be held this fall. Upon completion, the TAT will provide the CCC with a package of the TAT developed training materials.

TDD#: T099510-042
PAN#: ECA1990-FA
STATUS: OPEN

VERDESE CARTER PARK
REMOVAL FUNDED
OAKLAND, CALIFORNIA

The EPA ERS requested the TAT to provide POLREPs and to review and comment on RP contractor's work plan, health and safety plan, contingency plan, sampling plan and quality assurance plan. The TAT were also tasked to provide XRF services for the excavation of soil contaminated with lead. Future site work by the TAT is pending. The TAT will provide oversight of the activities to the EPA when on-site operations begin and a letter report will be submitted at the conclusion of this project. This project has been put on hold until further notice.

TDD#: T099511-001
PAN#: ECA2012-RA
STATUS: OPEN

AMERICAN CHROME ENGINEERING, INC.
REMOVAL PRP
OAKLAND, CALIFORNIA

The TAT was requested by EPA to provide oversight responsibilities of RP removal activities. Prior site assessment activities concluded that an estimated volume of liquid waste present on site included 2500 gallons of acid solutions, cyanide solutions and miscellaneous solutions. The RP and his contractors are working under the provisions of an EPA-approved workplan. A letter report will be submitted upon completion of this project.

TDD#: T099511-002
PAN#: ECA1967-FC
STATUS: OPEN

SUPERCROME PLATING & ENGINEERING
REMOVAL FUNDED
LOS ANGELES, CALIFORNIA

Interim site stabilization measures are being conducted under this TDD. These tasks primarily involve placement of barriers and pump systems to ensure containment of rains during the upcoming rainy season. Final phase site removal activities are pending EPA budgetary considerations.

TDD#: T099511-101
PAN#: ECA1967-KB
STATUS: OPEN

SUPERCROME PLATING & ENGINEERING
CORPORATE SPECIAL PROJECT
LOS ANGELES, CALIFORNIA

The TAT subcontracted corporate risk analysis specialties to evaluate the risk associated with remaining shallow metals contaminated soils at the Superchrome site in Los Angeles, California. The risk information has

been submitted and is being used as a tool in determining final soil excavation action levels. This subcontract has been closed and in interim AOC has been submitted.

TDD#: T099511-102
PAN#: EAZ0434-AD
STATUS: OPEN

YAVAPAI PENTA POND
ANALYTICAL SERVICES
PRESCOTT, ARIZONA

Analytical services were contracted by the TAT for the definitive analysis of PCP contaminated soils. Analyses of these split samples will be used to confirm the effectiveness of a pilot study bioremediation system which had been in place since July 1995.

APPENDIX A

REGION IX - TDD MONTHLY STATUS REPORT

DATE: 12/07/95
TIME: 15:10:51

ECOLOGY & ENVIRONMENT, INC.

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REGION 09

TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH November 30, 1995

F=Funding: (1=CERCLA,2=OPA,3=UST,4=OTHER,5=CEPP)

P=PRIORITY: (High/Medium/Low)

S=STATUS: (initialiZed/Open/Interim/Closed)

| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC MGR | E&E MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TATL DATE | AOC DPO DATE |
|---------------|-----------|--------------------|---|---|---|---|---|-----------|------------|-----------|--------------|-------------|-----------------|---------------|---------------|---------------|--------------|---------------|--------------|
| T09-9410-001 | E09Z001GI | GENERAL PROGRAM MA | 1 | H | Y | C | | LEWIS | CHAMBERS | 2000 | 2234.50 | 275000.00 | 127571.98 | 10/03/94 | 10/03/94 | 03/31/95 | 04/04/95 | 05/30/95 | 05/30/95 |
| T09-9410-002 | E09Z002GI | OPA GENERAL MANAGE | 2 | H | Y | C | | LEWIS | CHAMBERS | 100 | 10.00 | 13500.00 | 467.66 | 10/03/94 | 10/03/94 | 03/31/95 | 04/04/95 | 05/30/95 | 05/30/95 |
| T09-9410-003 | E09Z004VI | EPA REGION 9 SPILL | 1 | H | Y | C | | LEWIS | CLEMENS | 1500 | 1349.00 | 187500.00 | 52847.90 | 10/03/94 | 10/03/94 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 |
| T09-9410-004 | E09Z007TI | GENERAL TAT TRAINI | 1 | M | Y | C | | LEWIS | CLEMENS | 1500 | 1147.00 | 225000.00 | 51091.39 | 10/03/94 | 10/03/94 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 |
| T09-9410-005 | E09Z023NF | REGIONAL CERCLIS C | 1 | M | N | C | | LEWIS | LAWRENCE | 300 | 150.50 | 37500.00 | 4192.43 | 10/03/94 | 10/03/94 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 |
| T09-9410-006 | E09Z062QF | QA/QC COORDINATION | 1 | M | N | C | | LEWIS | LAWRENCE | 200 | 194.00 | 25000.00 | 6024.90 | 10/03/94 | 10/03/94 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 |
| T09-9410-007 | E09Z177GB | TAT EQUIPMENT MAIN | 1 | M | Y | C | | LEWIS | DUNCAN | 2000 | 1617.00 | 250000.00 | 46463.03 | 10/03/94 | 10/03/94 | 03/31/95 | 04/04/95 | 05/30/95 | 05/30/95 |
| T09-9410-008A | E09Z132VB | SPECTRACE EVALUATI | 1 | M | N | I | | LEWIS | EDWARDS | 100 | 25.50 | 15000.00 | 922.21 | 06/26/95 | 06/27/95 | 09/30/95 | 09/26/95 | | |
| T09-9410-009B | E09Z166NB | DIGITIZATION PILOT | 1 | M | N | I | | LEWIS | KUERZEL | 250 | 180.00 | 36250.00 | 10056.39 | 05/22/95 | 05/23/95 | 09/30/95 | 09/26/95 | | |
| T09-9410-010 | EH10072FB | KEEHI LAGOON | 1 | H | Y | C | | LEWIS | SUTER | 200 | 182.00 | 25000.00 | 7793.85 | 10/03/94 | 10/03/94 | 11/30/94 | 11/30/94 | 03/06/95 | 03/06/95 |
| T09-9410-011C | EH10073SB | FACTORY STREET LEA | 1 | H | Y | I | | LEWIS | WHITAKER | 800 | 690.75 | 125000.00 | 41198.96 | 07/06/95 | 07/06/95 | 09/30/95 | 09/25/95 | | |
| T09-9410-012B | ECA1967FB | SUPERCHROME PLATIN | 1 | H | Y | C | | LEWIS | WISE | 750 | 622.00 | 118750.00 | 22466.30 | 04/13/95 | 04/17/95 | 06/15/95 | 06/05/95 | 08/03/95 | 08/03/95 |
| T09-9410-013 | ECA1967SC | SUPERCHROME PLATIN | 1 | H | Y | C | | LEWIS | WISE | 150 | 108.50 | 25000.00 | 3795.24 | 10/03/94 | 10/03/94 | 12/31/94 | 10/25/94 | 01/25/95 | 01/25/95 |
| T09-9410-014 | ECA1978VB | MT SAN DIEGO SLUDG | 1 | M | N | C | | MARTYN | CASTRO-WEH | 40 | 20.00 | 5000.00 | 1022.73 | 10/03/94 | 10/03/94 | 10/14/94 | 11/02/94 | 01/31/95 | 01/31/95 |
| T09-9410-015B | EAZ0444FB | NAVAJO TOXAPHENE | 1 | H | Y | I | | MANDEL | WALDER | 3200 | 1894.50 | 540000.00 | 95014.58 | 08/03/95 | 08/07/95 | 09/30/95 | 09/26/95 | | |
| T09-9410-016 | ECA1926DB | RATTLESNAKE CREEK | 2 | M | Y | I | | MANDEL | SCHWENNESE | 600 | 632.00 | 105000.00 | 26985.66 | 10/03/94 | 10/03/94 | 06/30/95 | 06/26/95 | | |
| T09-9410-017 | ETT0032FA | PALAU CHEMICAL | 1 | M | Y | C | | MARTYN | BENSON | 600 | 51.00 | 97500.00 | 4610.00 | 10/03/94 | 10/03/94 | 03/31/95 | 03/29/95 | 05/18/95 | 05/18/95 |
| T09-9410-018B | ECA1085MB | RALPH GRAY TRUCKIN | 1 | M | Y | C | | MARTYN | HAMRICK | 1250 | 1094.50 | 203750.00 | 36937.13 | 06/01/95 | 06/01/95 | 08/31/95 | 08/30/95 | 10/17/95 | 10/17/95 |
| T09-9410-019B | ECA1973SB | CENTRAL EUREKA MIN | 1 | H | Y | I | | SHIPLEY | DUNCAN | 4500 | 4489.00 | 725000.00 | 224635.28 | 06/15/95 | 06/19/95 | 09/30/95 | 09/26/95 | | |
| T09-9410-020 | ECA0564FD | MCCORMICK & BAXTER | 1 | M | Y | C | | SHIPLEY | MARTIN | 500 | 85.50 | 77500.00 | 3653.35 | 10/03/94 | 10/03/94 | 12/30/94 | 03/22/95 | 05/15/95 | 05/15/95 |
| T09-9410-021C | ECA0156FD | CASMALIA RESOURCES | 1 | M | Y | I | | ZUROSKI | JONES | 6700 | 7214.50 | 1132500.00 | 345429.00 | 08/03/95 | 08/03/95 | 09/30/95 | 09/28/95 | | |
| T09-9410-022 | ECA1822SC | INDIA BASIN BOATYA | 1 | M | Y | C | | ZUROSKI | SUTER | 300 | 1.00 | 47500.00 | 30.59 | 10/03/94 | 10/03/94 | 03/31/95 | 03/29/95 | 05/18/95 | 05/18/95 |
| T09-9410-023A | ENV0054RC | SPARKS SOLVENT/FUE | 1 | H | Y | I | | ZUROSKI | WHITAKER | 1100 | 953.50 | 167500.00 | 49085.01 | 04/05/95 | 04/06/95 | 09/30/95 | 09/25/95 | | |
| T09-9410-024A | EAZ0434RC | YAVAPAI PENTA POND | 1 | H | Y | I | | LAWRENCE | CASTRO-WEH | 500 | 454.50 | 75000.00 | 23169.77 | 05/23/94 | 05/23/95 | 09/30/95 | 09/27/95 | | |
| T09-9410-025B | ECA2178QB | QA/QC PROGRAM DEVE | 1 | M | N | I | | LAWRENCE | MILAM | 440 | 359.00 | 55000.00 | 15030.45 | 06/26/95 | 06/26/95 | 09/30/95 | 09/26/95 | | |
| T09-9410-026 | ECA1979SA | SAN DIMAS RED PHOS | 1 | H | Y | C | | SHANE | WALDER | 100 | 36.00 | 15000.00 | 1359.73 | 10/03/94 | 10/03/94 | 01/01/95 | 10/31/94 | 01/31/95 | 01/31/95 |
| T09-9410-027 | ECA1211VB | DIAMOND 20 SUBDIVI | 1 | M | Y | C | | SHANE | EDWARDS | 100 | 91.00 | 15000.00 | 4603.27 | 10/03/94 | 10/03/94 | 06/15/95 | 06/20/95 | 08/15/95 | 08/15/95 |
| T09-9410-028 | ECA0561SB | DODSON BROTHERS OI | 1 | H | Y | C | | SHANE | WISE | 400 | 163.00 | 65000.00 | 5792.85 | 10/03/94 | 10/03/94 | 03/31/95 | 02/06/95 | 04/13/95 | 04/13/95 |
| T09-9410-029 | EAZ0354FB | INDIAN BEND WASH | 1 | H | Y | C | | SHANE | WHITAKER | 50 | 50.00 | 6250.00 | 1967.03 | 10/03/94 | 10/03/94 | 11/01/94 | 11/02/94 | 03/06/95 | 03/06/95 |
| T09-9410-030D | ECA0037MB | KOPPERS | 1 | M | Y | C | | SHANE | MCDONALD | 525 | 577.50 | 83125.00 | 28549.97 | 08/03/95 | 08/03/95 | 08/30/95 | 08/30/95 | 10/17/95 | 10/17/95 |
| T09-9410-031C | ECA1938BB | TENBY INC. REFINER | 2 | H | Y | C | | SHANE | HARNER | 800 | 791.00 | 130000.00 | 28812.15 | 08/14/95 | 08/15/95 | 09/01/95 | 09/01/95 | 10/23/95 | 10/23/95 |
| T09-9410-032 | ECA1019FD | DEL NORTE COUNTY P | 1 | M | Y | I | | MANDEL | WHITAKER | 1000 | 460.50 | 175000.00 | 21024.92 | 10/03/94 | 10/03/94 | 09/30/95 | 09/25/95 | | |
| T09-9410-033 | ECA0008SB | SELMA PRESSURE TRE | 1 | M | Y | C | | DUNKELMAN | MCDONALD | 200 | 8.00 | 32500.00 | 278.64 | 10/03/94 | 10/03/94 | 12/03/94 | 11/29/94 | 03/06/95 | 03/06/95 |
| T09-9410-034D | EAZ0415SB | SANDERS AVIATION | 1 | M | Y | I | | DUNKELMAN | MILAM | 1600 | 1615.00 | 232000.00 | 89038.53 | 08/23/95 | 08/23/95 | 12/30/95 | 09/26/95 | | |
| T09-9410-035 | ECA1974SB | GOLDEN TECHNOLOGY | 1 | M | N | C | | DUNKELMAN | WHITAKER | 200 | 38.00 | 32000.00 | 1366.19 | 10/03/94 | 10/03/94 | 12/30/94 | 01/03/95 | 03/06/95 | 03/06/95 |
| T09-9410-036B | E09Z003PC | CEPP MANAGEMENT | 5 | M | Y | I | | ARDITO | BAILLARD | 120 | 126.00 | 5700.00 | 5649.28 | 04/03/95 | 04/06/95 | 09/30/95 | 09/25/95 | | |
| T09-9410-037 | ECA1980VA | GLOBE MILL | 1 | H | Y | C | | MARTYN | LAWRENCE | 80 | 73.00 | 12000.00 | 2218.98 | 10/03/94 | 10/03/94 | 10/28/94 | 10/26/94 | 01/25/95 | 01/25/95 |
| T09-9410-038B | E09Z171PB | EMERGENCY AIR MONI | 5 | M | Y | I | | ARDITO | BAILLARD | 280 | 189.50 | 14000.00 | 9310.92 | 08/14/95 | 08/15/95 | 09/30/95 | 09/25/95 | | |
| T09-9410-039B | E09Z158PB | LOS ANGELES WORKSH | 5 | H | Y | C | | ARDITO | BAILLARD | 22 | 22.00 | 2300.00 | 2244.68 | 04/03/95 | 04/05/95 | 04/10/95 | 04/18/95 | 06/12/95 | 06/12/95 |
| T09-9410-040D | E09Z153PB | KAUAI FULL-FIELD E | 5 | H | Y | C | | ARDITO | BAILLARD | 80 | 61.00 | 4100.00 | 3946.37 | 04/10/95 | 04/10/95 | 04/07/95 | 04/18/95 | 06/12/95 | 06/12/95 |
| T09-9410-041 | ECA1977SB | CRESTLINE DRMO SIT | 1 | H | Y | C | | SHANE | RANDALL | 500 | 217.00 | 77500.00 | 9428.27 | 10/11/94 | 10/11/94 | 12/30/94 | 12/12/94 | 03/06/95 | 03/06/95 |

DATE: 12/07/95
TIME: 15:10:51

ECOLOGY & ENVIRONMENT, INC.
REGION 09

PAGE: 2

TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH November 30, 1995

| F=Funding: | | | (1=CERCLA,2=OPA,3=UST,4=OTHER,5=CEPP) | | | | | P=PRIORITY: | | | (High/Medium/Low) | | S=STATUS: | | | (initializEd/Open/Interim/Closed) | | | | | | |
|---------------|-----------|--------------------|---------------------------------------|---|---|---|---|-------------|-----------|------------|-------------------|-----------|--------------|-------------|-----------------|-----------------------------------|---------------|---------------|--------------|---------------|--------------|--|
| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC | MGR | E&E | MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TAIL DATE | AOC DPO DATE | |
| T09-9410-042 | ECA1979FA | SAN DIMAS RED PHOS | 1 | H | Y | C | | | SHANE | WALDER | | 150 | 40.00 | 23750.00 | 1181.54 | 10/11/95 | 10/11/95 | 02/18/95 | 11/09/94 | 02/13/95 | 02/13/95 | |
| T09-9410-043 | E09Z173PA | PROCESS SAFETY MAN | 5 | H | Y | C | | | ARDITO | CASTRO-WEH | | 29 | 0.00 | 2560.00 | 0.00 | 10/13/94 | 10/13/94 | 11/30/94 | 11/02/94 | 01/31/95 | 01/31/95 | |
| T09-9410-044 | ECA1981VA | ELECTRO-OPTEC | 1 | M | Y | C | | | SHIPLEY | BUNDY | | 30 | 21.00 | 4500.00 | 772.51 | 10/17/94 | 10/17/94 | 11/10/94 | 11/14/94 | 02/13/95 | 02/13/95 | |
| T09-9410-045 | E09Z174VA | AMERICAN SAMOA TEC | 1 | M | N | C | | | LEWIS | CLEMENS | | 25 | 25.00 | 3125.00 | 815.02 | 10/17/94 | 10/17/94 | 11/17/94 | 10/21/94 | 02/13/95 | 02/13/95 | |
| T09-9410-046C | EAZ0445SA | PAYSON PCE | 1 | M | Y | C | | | MARTYN | LAWRENCE | | 1700 | 316.00 | 272500.00 | 12961.01 | 07/06/95 | 07/06/95 | 07/28/95 | 07/25/95 | 09/19/95 | 09/19/95 | |
| T09-9410-047C | E09Z175PA | SOUTHERN PACIFIC R | 5 | M | Y | I | | | ARDITO | BAILARD | | 252 | 244.00 | 17503.00 | 17892.41 | 09/28/95 | 09/28/95 | 09/30/95 | 09/28/95 | | | |
| T09-9410-048A | ECA1967SD | SUPERCHROME PLATIN | 1 | M | N | C | | | LEWIS | WISE | | 200 | 30.50 | 30000.00 | 1621.78 | 01/17/95 | 01/17/95 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 | |
| T09-9410-049 | ECA1982VA | LAKE GUADALUPE SAM | 2 | M | Y | C | | | LEWIS | MILAM | | 40 | 3.00 | 6500.00 | 155.56 | 10/24/94 | 10/24/94 | 11/15/94 | 11/02/94 | 01/31/95 | 01/31/95 | |
| T09-9410-050 | ECA1961VA | JOLIE PLASTICS | 1 | M | Y | C | | | LEWIS | RANDALL | | 40 | 16.00 | 6500.00 | 664.01 | 10/24/94 | 10/24/94 | 11/15/94 | 11/09/94 | 02/13/95 | 02/13/95 | |
| T09-9410-051 | ECA1982DA | LAKE GUADALUPE SAM | 2 | M | Y | C | | | ZUROSKI | GUEVARRA | | 120 | 85.00 | 17000.00 | 3801.48 | 10/31/94 | 10/31/94 | 12/25/94 | 12/28/94 | 03/06/95 | 03/06/95 | |
| T09-9410-052 | ECA1980SA | GLOBE MILL | 1 | M | Y | C | | | WEDEN | LAWRENCE | | 80 | 87.00 | 13000.00 | 5750.29 | 10/31/94 | 10/31/94 | 12/31/94 | 01/05/95 | 03/13/95 | 03/13/95 | |
| T09-9410-101 | ECA1973JA | CENTRAL EUREKA MIN | 1 | M | N | C | | | WEDEN | DUNCAN | | 0 | 0.00 | 12000.00 | 5610.50 | 11/16/94 | 11/16/94 | 02/15/95 | 02/07/95 | 04/13/95 | 04/13/95 | |
| T09-9410-102 | ECA1977AA | CRESTLINE DRMO SIT | 1 | H | N | C | | | SHANE | RANDALL | | 0 | 0.00 | 4220.00 | 1935.00 | 10/19/94 | 10/19/94 | 01/15/95 | 12/14/94 | 03/06/95 | 03/06/95 | |
| T09-9410-103A | ECA1967KA | SUPERCHROME PLATIN | 1 | M | N | C | | | LEWIS | WISE | | 140 | 50.00 | 24500.00 | 3978.72 | 01/17/95 | 01/17/95 | 03/31/95 | 03/30/95 | 05/30/95 | 05/30/95 | |
| T09-9410-104 | ECA1926AH | RATTLESNAKE CREEK | 2 | M | N | C | | | MANDEL | SCHWENNESE | | 0 | 0.00 | 10000.00 | 7965.00 | 10/27/94 | 10/27/94 | 06/01/95 | 05/30/95 | 07/26/95 | 07/26/95 | |
| T09-9411-001 | ECA1977FA | CRESTLINE DRMO SIT | 1 | H | Y | C | | | SHANE | RANDALL | | 300 | 148.50 | 45000.00 | 6496.83 | 11/16/94 | 11/16/94 | 01/31/95 | 01/31/95 | 04/10/95 | 04/10/95 | |
| T09-9411-002A | E09Z090PC | OAHU FULL-FIELD EX | 5 | M | Y | I | | | ARDITO | BAILARD | | 348 | 312.00 | 27552.00 | 27801.56 | 09/28/95 | 09/28/95 | 09/30/95 | 09/28/95 | | | |
| T09-9411-003A | ENM0168FA | SHIPROCK PESTICIDE | 1 | H | Y | C | | | LAWRENCE | HESTER | | 200 | 219.00 | 30000.00 | 8931.62 | 12/06/94 | 12/06/94 | 01/15/95 | 01/31/95 | 04/10/95 | 04/10/95 | |
| T09-9411-004A | ECA1983SA | LA LEAD SITES | 1 | M | Y | C | | | MARTYN | RANDALL | | 60 | 58.00 | 9750.00 | 2080.15 | 12/15/94 | 12/15/94 | 12/30/94 | 01/03/95 | 03/06/95 | 03/06/95 | |
| T09-9411-005B | E09Z179TA | INCIDENT COMMAND | 3 | 1 | M | N | | | C | MANDEL | BAILARD | 40 | 40.00 | 5000.00 | 4133.74 | 05/30/95 | 05/30/95 | 09/30/95 | 08/09/95 | 10/06/95 | 10/06/95 | |
| T09-9411-006 | E09Z180TA | IMMUNOASSAY TECHNI | 1 | M | N | C | | | MANDEL | GUEVARRA | | 60 | 41.00 | 7500.00 | 1238.01 | 11/22/94 | 11/22/94 | 01/31/95 | 02/13/95 | 04/24/95 | 04/24/95 | |
| T09-9411-101 | ECA1980AA | GLOBE MILL | 1 | M | N | C | | | WEDEN | LAWRENCE | | 0 | 0.00 | 170.00 | 80.00 | 11/17/94 | 11/17/94 | 12/31/94 | 01/09/95 | 03/13/95 | 03/13/95 | |
| T09-9411-102A | EAZ0415AA | SANDERS AVIATION | 1 | M | N | C | | | DUNKELMAN | MILAM | | 0 | 0.00 | 21100.00 | 8570.00 | 12/07/94 | 12/07/94 | 03/31/95 | 04/25/95 | 06/26/95 | 06/26/95 | |
| T09-9411-103 | ECA1973JB | CENTRAL EUREKA MIN | 1 | M | N | C | | | SHIPLEY | DUNCAN | | 0 | 0.00 | 4100.00 | 1958.12 | 11/22/94 | 11/22/94 | 01/15/95 | 01/24/95 | 03/27/95 | 03/27/95 | |
| T09-9411-104 | ECA1973JC | CENTRAL EUREKA MIN | 1 | H | N | C | | | SHIPLEY | DUNCAN | | 0 | 0.00 | 4620.00 | 752.48 | 11/28/94 | 11/28/94 | 02/15/95 | 01/24/95 | 03/27/95 | 03/27/95 | |
| T09-9411-105 | ECA1967AE | SUPERCHROME PLATIN | 1 | H | N | C | | | LEWIS | WISE | | 0 | 0.00 | 1500.00 | 705.00 | 11/30/94 | 11/30/94 | 02/15/95 | 01/18/95 | 03/20/95 | 03/20/95 | |
| T09-9412-001 | ECA1984VA | SANTA FE RR CHLORI | 1 | H | Y | C | | | ZUROSKI | CHAMBERS | | 60 | 59.50 | 9500.00 | 3122.72 | 12/05/94 | 12/05/94 | 12/31/94 | 01/03/95 | 03/06/95 | 03/06/95 | |
| T09-9412-002 | ECA1985FA | MITCHELL MILL DRUG | 1 | H | Y | C | | | MANDEL | SUTER | | 60 | 60.50 | 10500.00 | 2325.97 | 12/05/94 | 12/05/94 | 01/31/95 | 01/31/95 | 04/10/95 | 04/10/95 | |
| T09-9412-003C | E09Z181QA | VIDEO SOP | 1 | M | N | C | | | LAWRENCE | HESTER | | 70 | 71.50 | 8750.00 | 1930.77 | 03/06/95 | 03/06/95 | 02/17/95 | 03/07/95 | 05/09/95 | 05/09/95 | |
| T09-9412-004 | E09Z182TA | QA TRAINING | 1 | H | N | C | | | LAWRENCE | MILAM | | 100 | 21.00 | 12500.00 | 960.78 | 12/07/94 | 12/07/94 | 02/01/95 | 03/01/95 | 05/02/95 | 05/02/95 | |
| T09-9412-005 | ECA1986SA | SANTA FE RR ACCIDE | 1 | H | Y | C | | | LEWIS | BENSON | | 50 | 27.50 | 7750.00 | 1350.72 | 12/15/94 | 12/15/94 | 01/15/94 | 01/17/95 | 03/20/95 | 03/20/95 | |
| T09-9412-006A | ECA1987VA | CALAVERAS COUNTY O | 2 | H | Y | C | | | LEWIS | CASTRO-WEH | | 80 | 87.00 | 13000.00 | 4163.39 | 01/11/95 | 01/11/95 | 02/10/95 | 02/13/95 | 04/24/95 | 04/24/95 | |
| T09-9412-007A | ECA1988BA | SAN DEIGO RIVER SF | 2 | H | Y | C | | | LAWRENCE | WALDER | | 100 | 84.00 | 16500.00 | 2325.79 | 01/31/95 | 02/01/95 | 03/03/95 | 03/01/95 | 05/02/95 | 05/02/95 | |
| T09-9412-101 | ECA1973JD | CENTRAL EUREKA MIN | 1 | M | N | C | | | SHIPLEY | DUNCAN | | 0 | 0.00 | 10300.00 | 0.00 | 12/05/94 | 12/05/94 | 12/31/95 | 01/24/95 | 03/27/95 | 03/27/95 | |
| T09-9412-102 | ECA1967AF | SUPERCHROME PLATIN | 1 | H | N | C | | | LEWIS | WISE | | 0 | 0.00 | 24500.00 | 6822.00 | 12/07/94 | 12/07/94 | 03/15/95 | 03/20/95 | 05/15/95 | 05/15/95 | |
| T09-9501-001 | ECA1989SA | NU-WAY PLATING | 1 | M | Y | C | | | DUNKELMAN | RANDALL | | 200 | 126.50 | 30000.00 | 4915.60 | 01/09/95 | 01/09/95 | 04/01/95 | 04/03/95 | 05/30/95 | 05/30/95 | |
| T09-9501-002B | ECA1967SE | SUPERCHROME PLATIN | 1 | H | Y | C | | | LEWIS | WISE | | 1000 | 725.00 | 157000.00 | 31376.43 | 04/17/95 | 04/18/95 | 06/15/95 | 06/19/95 | 08/15/95 | 08/15/95 | |
| T09-9501-003B | ECA1990SA | VERDESE CARTER PAR | 1 | H | Y | C | | | SHANE | KUERZEL | | 500 | 312.00 | 77500.00 | 9618.72 | 07/17/95 | 07/17/95 | 07/30/95 | 07/31/95 | 09/25/95 | 09/25/95 | |
| T09-9501-004B | ECA1991SA | RUSSIAN RIVER FLOO | 1 | H | Y | C | | | MANDEL | MCDONALD | | 400 | 384.00 | 70000.00 | 18506.46 | 03/30/95 | 04/03/95 | 04/14/95 | 04/13/95 | 06/12/95 | 06/12/95 | |
| T09-9501-005 | E09Z176TA | FIELD SCREENING ME | 1 | M | Y | C | | | LEWIS | GUEVARRA | | 120 | 71.50 | 20000.00 | 4239.70 | 01/11/95 | 01/11/95 | 03/24/95 | 03/07/95 | 05/09/95 | 05/09/95 | |
| T09-9501-006A | EMX0003VA | ALCO PACIFICO DE M | 1 | H | N | I | | | SHANE | COLEN | | 300 | 189.00 | 37500.00 | 8540.60 | 05/23/95 | 05/23/95 | 09/30/95 | 09/26/95 | | | |

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TDD MONTHLY STATUS

Active TDDS: October 1, 1994 THROUGH November 30, 1995

| F=Funding: (1=CERCLA, 2=OPA, 3=UST, 4=OTHER, 5=CEPP) | | | P=PRIORITY: (High/Medium/Low) | | | S=STATUS: (initialized/Open/Interim/Closed) | | | | | | | | | | | | | | | |
|--|-----------|--------------------|-------------------------------|---|---|---|---|-----------|------------|-----|-----|-----------|--------------|-------------|-----------------|---------------|---------------|---------------|--------------|---------------|--------------|
| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC | MGR | E&E | MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TATL DATE | AOC DPO DATE |
| T09-9501-007 | ECA1940SB | OMEGA RECOVERY SER | 1 | H | Y | C | | MARTYN | RANDALL | | | 80 | 43.50 | 12000.00 | 2333.08 | 01/23/95 | 01/23/95 | 02/28/95 | 03/01/95 | 05/02/95 | 05/02/95 |
| T09-9501-008B | ECA1992FA | GOLDSTAR PLATING | 1 | H | Y | C | | ZUROSKI | RANDALL | | | 600 | 579.00 | 98000.00 | 22003.21 | 04/03/95 | 04/03/95 | 05/31/95 | 05/30/95 | 07/26/95 | 07/26/95 |
| T09-9501-009A | ECA1993SA | PLACER COUNTY FLOO | 1 | H | Y | C | | SHANE | KUERZEL | | | 350 | 177.50 | 56250.00 | 6474.21 | 05/22/95 | 05/23/95 | 06/30/95 | 05/24/95 | 07/17/95 | 07/17/95 |
| T09-9501-010 | E09Z172TB | CCC TRAINING | 1 | M | N | C | | MARTYN | LAWRENCE | | | 60 | 54.00 | 9500.00 | 1498.99 | 01/27/95 | 01/30/95 | 02/17/95 | 02/22/95 | 05/02/95 | 05/02/95 |
| T09-9501-011B | ECA1994VA | SANTA ROSA -BURRIE | 2 | M | Y | C | | LEWIS | MARTIN | | | 120 | 108.50 | 18000.00 | 5071.90 | 06/19/95 | 06/20/95 | 07/30/95 | 07/25/95 | 09/19/95 | 09/19/95 |
| T09-9501-101B | ECA1973AA | CENTRAL EUREKA MIN | 1 | M | N | C | | SHIPLEY | DUNCAN | | | 0 | 0.00 | 1055.00 | 499.52 | 05/18/95 | 05/22/95 | 05/30/95 | 05/26/95 | 07/26/95 | 07/26/95 |
| T09-9501-102A | ECA1967AG | SUPERCHROME PLATIN | 1 | H | N | C | | LEWIS | WISE | | | 0 | 0.00 | 15100.00 | 4645.00 | 01/18/95 | 01/19/95 | 03/31/95 | 04/03/95 | 06/05/95 | 06/05/95 |
| T09-9501-103 | ECA1989AA | NU-WAY PLATING | 1 | H | N | C | | DUNKELMAN | RANDALL | | | 0 | 0.00 | 2760.00 | 1026.00 | 01/17/95 | 01/17/95 | 03/31/95 | 03/01/95 | 05/02/95 | 05/02/95 |
| T09-9502-001 | ECA1218VA | FRONTIER FERTILIZE | 1 | M | Y | C | | MANDEL | COLEN | | | 800 | 604.25 | 140000.00 | 26960.39 | 02/06/95 | 02/06/95 | 06/30/95 | 07/12/95 | 08/30/95 | 08/30/95 |
| T09-9502-002A | E09Z183QA | TRAINING QA IMPROV | 1 | M | N | I | | LAWRENCE | CASTRO-WEH | | | 88 | 33.00 | 11000.00 | 1675.15 | 07/18/95 | 07/19/95 | 09/30/95 | 09/27/95 | | |
| T09-9502-003A | E09Z184QA | TECHNICAL QA IMPRO | 1 | M | N | I | | LAWRENCE | CASTRO-WEH | | | 194 | 118.50 | 24250.00 | 4988.97 | 07/18/95 | 07/19/95 | 09/30/95 | 09/27/95 | | |
| T09-9502-004A | E09Z185QA | OPERATIONS QA IMPR | 1 | M | N | I | | LAWRENCE | CASTRO-WEH | | | 160 | 94.50 | 20000.00 | 3139.62 | 07/18/95 | 07/19/95 | 09/30/95 | 09/27/95 | | |
| T09-9502-005B | ECA1989RA | NU-WAY PLATING | 1 | M | Y | I | | DUNKELMAN | RANDALL | | | 600 | 178.00 | 95000.00 | 6007.88 | 07/05/95 | 07/06/95 | 09/30/95 | 09/26/95 | | |
| T09-9502-006B | ECA1940MA | OMEGA RECOVERY SER | 1 | H | Y | C | | MARTYN | RANDALL | | | 400 | 412.00 | 62500.00 | 15665.70 | 07/26/95 | 07/26/95 | 07/31/95 | 08/02/95 | 09/25/95 | 09/25/95 |
| T09-9502-007 | ECA1995FA | APPLE VALLEY DRUMS | 1 | H | Y | C | | SHANE | WISE | | | 100 | 121.00 | 15000.00 | 4181.30 | 02/28/95 | 02/28/95 | 04/15/95 | 04/18/95 | 06/12/95 | 06/12/95 |
| T09-9502-008 | ECA1996BA | METRO LINK OIL SPI | 2 | M | Y | C | | WEDEN | WISE | | | 30 | 23.00 | 4750.00 | 762.75 | 02/28/95 | 02/28/95 | 02/28/95 | 03/02/95 | 05/09/95 | 05/09/95 |
| T09-9502-101 | ECA1973AB | CENTRAL EUREKA MIN | 1 | M | N | C | | SHIPLEY | DUNCAN | | | 0 | 0.00 | 2250.00 | 1060.00 | 02/13/95 | 02/13/95 | 03/31/95 | 03/27/95 | 05/18/95 | 05/18/95 |
| T09-9502-102 | ECA1019JD | DEL NORTE COUNTY P | 1 | H | N | I | | SHIPLEY | WHITAKER | | | 0 | 0.00 | 11050.00 | 4380.44 | 02/28/95 | 02/28/95 | 09/30/95 | 09/25/95 | | |
| T09-9502-103 | ECA1995AA | APPLE VALLEY DRUMS | 1 | H | N | C | | SHANE | WISE | | | 0 | 0.00 | 1800.00 | 850.00 | 02/28/95 | 02/28/95 | 03/31/95 | 04/13/95 | 06/12/95 | 06/12/95 |
| T09-9503-001 | E09Z186TA | STATISTICAL ANALYS | 1 | M | N | C | | LAWRENCE | MILAM | | | 170 | 56.00 | 24750.00 | 5503.41 | 03/07/95 | 03/08/95 | 04/30/95 | 04/13/95 | 06/12/95 | 06/12/95 |
| T09-9503-002 | E09Z172TC | CALIFORNIA CONSERV | 1 | M | N | C | | MARTYN | WISE | | | 40 | 33.00 | 6500.00 | 1284.91 | 03/13/95 | 03/13/95 | 03/24/95 | 03/23/95 | 05/18/95 | 05/18/95 |
| T09-9503-003A | ECA1997SA | ELMHURST ANODIZING | 1 | H | Y | C | | LEWIS | KUERZEL | | | 80 | 73.50 | 13000.00 | 2475.15 | 03/27/95 | 03/27/95 | 04/26/95 | 05/02/95 | 06/26/95 | 06/26/95 |
| T09-9503-004B | ECA1997RA | ELMHURST ANODIZING | 1 | H | Y | C | | LEWIS | MCDONALD | | | 140 | 118.00 | 22500.00 | 4238.38 | 05/22/95 | 05/22/95 | 06/30/95 | 06/06/95 | 08/03/95 | 08/03/95 |
| T09-9503-005 | E09Z187VA | TECHNICAL ASSISTAN | 1 | H | Y | C | | LEWIS | SUTER | | | 160 | 26.00 | 26000.00 | 1257.77 | 03/14/95 | 03/14/95 | 04/15/95 | 04/10/95 | 06/05/95 | 06/05/95 |
| T09-9503-006 | ECA1998VA | MONTEREY COUNTY FL | 1 | H | Y | C | | LEWIS | LAWRENCE | | | 300 | 181.00 | 50000.00 | 6610.99 | 03/14/95 | 03/14/95 | 04/15/95 | 05/01/95 | 06/26/95 | 06/26/95 |
| T09-9503-007B | ECA1999NA | MT. DIABLO QUICKSI | 1 | M | Y | I | | LEWIS | MARTIN | | | 80 | 63.00 | 10000.00 | 2743.08 | 07/06/95 | 07/06/95 | 09/30/95 | 09/25/95 | | |
| T09-9503-008A | ECA0561MA | DODSON BROTHERS OI | 1 | H | Y | I | | SHANE | HARNER | | | 500 | 167.50 | 77500.00 | 5712.29 | 06/30/95 | 07/03/95 | 09/30/95 | 09/26/95 | | |
| T09-9503-009 | ECA2000SA | ARGONAUT MINE TAIL | 1 | H | Y | C | | SHANE | MCDONALD | | | 400 | 2.00 | 60000.00 | 86.08 | 03/30/95 | 04/03/95 | 07/01/95 | 07/25/95 | 09/19/95 | 09/19/95 |
| T09-9503-010A | ECA2001VA | HUNTINGTON CENTRAL | 2 | M | Y | C | | LEWIS | WISE | | | 70 | 118.00 | 11000.00 | 4126.20 | 05/02/95 | 05/02/95 | 05/15/95 | 05/10/95 | 07/17/95 | 07/17/95 |
| T09-9503-101 | ECA1938AA | TENBY INC. REFINER | 2 | H | N | C | | SHANE | HARNER | | | 0 | 0.00 | 1200.00 | 912.00 | 03/01/95 | 03/01/95 | 04/01/95 | 04/03/95 | 05/30/95 | 05/30/95 |
| T09-9503-102A | ECA1997AA | ELMHURST ANODIZING | 1 | M | N | C | | LEWIS | MCDONALD | | | 0 | 0.00 | 170.00 | 40.00 | 04/24/95 | 04/24/95 | 05/31/95 | 06/06/95 | 08/03/95 | 08/03/95 |
| T09-9504-001 | E09Z001GJ | GENERAL PROGRAM MA | 1 | H | Y | I | | LEWIS | CHAMBERS | | | 2000 | 1491.50 | 275000.00 | 85583.18 | 04/05/95 | 04/05/95 | 09/30/95 | 09/26/95 | | |
| T09-9504-002 | E09Z002GJ | OPA GENERAL PROGRA | 2 | H | Y | I | | LEWIS | CHAMBERS | | | 100 | 3.00 | 13500.00 | 115.94 | 04/05/95 | 04/05/95 | 09/30/95 | 09/25/95 | | |
| T09-9504-003 | E09Z004VJ | EPA REGION 9 SPILL | 1 | H | Y | I | | LEWIS | CLEMENS | | | 1500 | 1319.50 | 187500.00 | 59716.39 | 04/03/95 | 04/03/95 | 09/30/95 | 09/25/95 | | |
| T09-9504-004 | E09Z007TJ | GENERAL TAT TRAINI | 1 | M | Y | I | | LEWIS | CLEMENS | | | 1500 | 839.50 | 225000.00 | 36566.00 | 04/03/95 | 04/03/95 | 09/30/95 | 09/25/95 | | |
| T09-9504-005 | E09Z023NG | REGIONAL CERCLIS C | 1 | M | N | I | | LEWIS | LAWRENCE | | | 300 | 159.50 | 37500.00 | 4516.46 | 04/03/95 | 04/03/95 | 09/30/95 | 09/25/95 | | |
| T09-9504-006 | E09Z062QG | QA/QC COORDINATION | 1 | M | N | I | | LEWIS | LAWRENCE | | | 200 | 158.00 | 25000.00 | 4712.51 | 04/03/95 | 04/03/95 | 09/30/95 | 09/25/95 | | |
| T09-9504-007 | E09Z177GC | TAT EQUIPMENT MAIN | 1 | M | Y | I | | LEWIS | DUNCAN | | | 2000 | 1446.50 | 275000.00 | 43438.40 | 04/05/95 | 04/05/95 | 09/30/95 | 09/26/95 | | |
| T09-9504-008 | EAZ0446DA | FT MOHAVE OIL SPIL | 2 | H | Y | C | | SHANE | BENSON | | | 140 | 111.00 | 23500.00 | 6285.45 | 04/05/95 | 04/05/95 | 05/30/95 | 05/01/95 | 06/26/95 | 06/26/95 |
| T09-9504-009 | ECA1218FA | FRONTIER FERTILIZE | 1 | M | Y | I | | MANDEL | COLEN | | | 3000 | 1134.50 | 525000.00 | 56527.78 | 04/05/95 | 04/06/95 | 09/30/95 | 09/26/95 | | |
| T09-9504-010B | ECA2002SA | TERRA BELLA VINEYA | 1 | M | N | C | | MARTYN | LAWRENCE | | | 100 | 26.00 | 14500.00 | 765.95 | 07/06/95 | 07/06/95 | 07/21/95 | 07/11/95 | 08/30/95 | 08/30/95 |

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TDD MONTHLY STATUS

Active TDDS: October 1, 1994 THROUGH November 30, 1995

| F=Funding: | | (1=CERCLA,2=OPA,3=UST,4=OTHER,5=CEPP) | | | | | | P=PRIORITY: | | (High/Medium/Low) | | S=STATUS: | | (initializEd/Open/Interim/Closed) | | | | | | | |
|---------------|-----------|---------------------------------------|---|---|---|---|-----------|-------------|------------|-------------------|-----|--------------|-----------------|-----------------------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|
| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC | MGR | E&E | MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TATL DATE | AOC DPO DATE |
| T09-9504-011A | E09Z006TC | CSTI INSTRUCTOR RE | 1 | M | N | C | MARTYN | | BAILLARD | | | 40 | 40.00 | 6000.00 | 3474.85 | 06/12/95 | 06/13/95 | 06/20/95 | 07/25/95 | 09/19/95 | 09/19/95 |
| T09-9504-012 | EAZ0447BA | TUBA CITY, AZ OIL | 2 | H | Y | C | LEWIS | | HESTER | | | 130 | 130.00 | 20000.00 | 6239.53 | 05/10/95 | 05/11/95 | 05/30/95 | 06/12/95 | 08/15/95 | 08/15/95 |
| T09-9504-013B | ECA1440SA | ALARK HARD CHROME | 1 | M | Y | C | LEWIS | | HESTER | | | 160 | 156.00 | 22000.00 | 5318.91 | 07/05/95 | 07/06/95 | 07/31/95 | 07/11/95 | 08/30/95 | 08/30/95 |
| T09-9504-014 | ECA1211VC | DIAMOND 20 SUBDIVI | 1 | H | Y | I | SHANE | | EDWARDS | | | 500 | 530.00 | 77500.00 | 29685.43 | 04/14/95 | 04/17/95 | 09/30/95 | 09/26/95 | | |
| T09-9504-015 | ECA2003FA | PEPPER DRIVE CHEMI | 1 | H | Y | C | LAWRENCE | | HAMRICK | | | 180 | 256.50 | 29000.00 | 10399.01 | 04/14/95 | 04/17/95 | 06/10/95 | 06/06/95 | 08/03/95 | 08/03/95 |
| T09-9504-016 | ECA2004VA | ORANGE COUNTY EXER | 1 | H | Y | C | SHIPLEY | | BENSON | | | 175 | 156.50 | 29375.00 | 7674.34 | 04/21/95 | 04/24/95 | 04/30/95 | 05/01/95 | 06/26/95 | 06/26/95 |
| T09-9504-017 | EAZ0448SA | WRECKSPERTS/AMRI O | 1 | M | Y | C | MARTYN | | MARTIN | | | 700 | 73.00 | 112500.00 | 3609.19 | 04/20/95 | 04/20/95 | 06/30/95 | 06/26/95 | 08/30/95 | 08/30/95 |
| T09-9504-018A | E09Z172TD | CALIFORNIA CONSERV | 1 | M | Y | I | MARTYN | | WISE | | | 500 | 439.00 | 77500.00 | 21428.20 | 06/19/95 | 06/19/95 | 09/30/95 | 09/26/95 | | |
| T09-9504-019 | E09Z188TA | USC STUDENT - PEST | 1 | M | Y | C | MARTYN | | CASTRO-WEH | | | 100 | 102.50 | 15500.00 | 5102.69 | 04/25/95 | 04/25/95 | 05/30/95 | 05/24/95 | 07/17/95 | 07/17/95 |
| T09-9504-020 | ECA2005SA | SANTA ANA PLATING | 1 | M | Y | C | WEDEN | | RANDALL | | | 40 | 15.50 | 6000.00 | 646.94 | 04/25/95 | 04/25/95 | 05/31/95 | 05/31/95 | 07/26/95 | 07/26/95 |
| T09-9504-021A | ECA2006SA | SHULGIN CHEMICAL | 1 | H | Y | C | MARTYN | | LAWRENCE | | | 160 | 79.50 | 25000.00 | 2725.66 | 07/06/95 | 07/06/95 | 07/21/95 | 07/11/95 | 08/30/95 | 08/30/95 |
| T09-9505-001A | ECA2007VA | FREGOSI & COMPANY | 1 | H | Y | C | SHANE | | EDWARDS | | | 50 | 44.50 | 7250.00 | 1665.88 | 06/29/95 | 07/03/95 | 07/30/95 | 07/31/95 | 09/25/95 | 09/25/95 |
| T09-9505-002 | E09Z189PA | EVACUATION GUIDANC | 5 | M | Y | I | ARDITO | | BAILLARD | | | 190 | 121.00 | 9500.00 | 6125.31 | 06/01/95 | 06/01/95 | 09/30/95 | 09/25/95 | | |
| T09-9505-003 | ECA2008FA | RUBIDOUX RED PHOSP | 1 | H | Y | C | WEDEN | | BENSON | | | 80 | 62.00 | 13000.00 | 3103.73 | 05/30/95 | 05/30/95 | 06/30/95 | 06/06/95 | 08/03/95 | 08/03/95 |
| T09-9505-004 | ECA0411VA | MONTROSE CHEMICAL | 1 | H | N | C | SHANE | | RANDALL | | | 250 | 53.00 | 31250.00 | 2498.30 | 06/01/95 | 06/01/95 | 09/01/95 | 09/01/95 | 10/23/95 | 10/23/95 |
| T09-9505-101 | ECA1973AC | CENTRAL EUREKA MIN | 1 | H | N | C | SHIPLEY | | DUNCAN | | | 0 | 0.00 | 2250.00 | 1045.00 | 05/02/95 | 05/02/95 | 07/01/95 | 07/17/95 | 09/05/95 | 09/05/95 |
| T09-9505-102A | ECA1990AA | VERDESE CARTER PAR | 1 | H | N | I | SHANE | | KUERZEL | | | 0 | 0.00 | 1050.00 | 423.24 | 06/06/95 | 06/06/95 | 07/15/95 | 08/03/95 | | |
| T09-9506-001 | E09Z179TB | I.C.S. TRAINING | 1 | M | Y | C | SUTER | | BAILLARD | | | 150 | 93.00 | 23750.00 | 6048.22 | 06/05/95 | 06/06/95 | 08/18/95 | 08/09/95 | 10/06/95 | 10/06/95 |
| T09-9506-002 | E09Z170TB | CONTINUING CHALLENG | 1 | M | Y | I | MARTYN | | BAILLARD | | | 300 | 179.00 | 47500.00 | 9781.41 | 06/06/95 | 06/06/95 | 09/30/95 | 09/25/95 | | |
| T09-9506-003A | ECA1973FA | CENTRAL EUREKA MIN | 1 | H | Y | I | SHIPLEY | | MCDONALD | | | 1000 | 939.50 | 160000.00 | 39218.29 | 08/03/95 | 08/03/95 | 09/30/95 | 09/26/95 | | |
| T09-9506-004 | ECA2009BA | UNOCAL REFINERY FI | 2 | H | Y | C | LAWRENCE | | CLEMENS | | | 25 | 25.00 | 3875.00 | 849.66 | 06/19/95 | 06/19/95 | 07/15/95 | 07/17/95 | 09/05/95 | 09/05/95 |
| T09-9506-005 | ECA1940RA | OMEGA RECOVERY SER | 1 | H | Y | I | MARTYN | | SCHWENNESE | | | 800 | 654.00 | 130000.00 | 25913.58 | 06/21/95 | 06/21/95 | 09/30/95 | 09/26/95 | | |
| T09-9506-101 | ECA1994JA | SANTA ROSA -BURRIE | 2 | H | N | I | LEWIS | | MARTIN | | | 0 | 0.00 | 2900.00 | 2390.00 | 06/15/95 | 06/19/95 | 08/15/95 | 08/03/95 | | |
| T09-9507-001 | ECA1596SB | AMERICHEM | 1 | M | Y | C | MARTYN | | BENSON | | | 120 | 4.00 | 19000.00 | 207.56 | 07/17/95 | 07/18/95 | 08/31/95 | 07/25/95 | 09/19/95 | 09/19/95 |
| T09-9507-002 | E09Z169TB | LAS CRUCES BIA TRA | 1 | M | N | C | LAWRENCE | | KUERZEL | | | 80 | 79.50 | 12000.00 | 3568.51 | 07/17/95 | 07/17/95 | 08/31/95 | 08/28/95 | 10/17/95 | 10/17/95 |
| T09-9507-003 | ECA2010FA | TURLOCK RED PHOSPH | 1 | H | Y | C | SHANE | | LAWRENCE | | | 104 | 64.50 | 14200.00 | 1991.87 | 07/19/95 | 07/19/95 | 09/15/95 | 09/11/95 | 11/06/95 | 11/06/95 |
| T09-9507-004 | ECA2011SA | EMAC, INC. FIRE - | 1 | H | Y | C | LEWIS | | CASTRO-WEH | | | 50 | 56.00 | 7750.00 | 2698.59 | 07/19/95 | 07/19/95 | 08/31/95 | 08/15/95 | 10/06/95 | 10/06/95 |
| T09-9507-005 | E09Z190PA | PUNA GEOTHERMAL RE | 5 | M | Y | I | ARDITO | | BAILLARD | | | 84 | 8.00 | 4200.00 | 288.56 | 07/24/95 | 07/25/95 | 09/30/95 | 09/25/95 | | |
| T09-9508-001 | E09Z082VA | EMERGENCY RESPONSE | 1 | H | N | I | SHANE | | GUEVARRA | | | 40 | 29.00 | 5000.00 | 1758.09 | 08/15/95 | 08/16/95 | 09/15/95 | 09/26/95 | | |
| T09-9508-002 | E09Z191VA | OIL SPILL EXERCISE | 2 | M | Y | I | SUTER | | BAILLARD | | | 100 | 85.00 | 16500.00 | 4681.24 | 08/15/95 | 08/16/95 | 09/30/95 | 09/25/95 | | |
| T09-9508-003 | E09Z192NA | GIS SEMINAR | 1 | M | Y | C | LEWIS | | CHAMBERS | | | 40 | 40.00 | 5000.00 | 4010.17 | 08/17/95 | 08/21/95 | 09/15/95 | 09/18/95 | 11/06/95 | 11/06/95 |
| T09-9508-004 | ECA2012SA | AMERICAN CHROME | 1 | H | Y | I | LEWIS | | LAWRENCE | | | 60 | 56.00 | 9500.00 | 2018.17 | 08/23/95 | 08/23/95 | 09/30/95 | 09/26/95 | | |
| T09-9508-101 | ECA2012AA | AMERICAN CHROME | 1 | H | N | I | LEWIS | | LAWRENCE | | | 0 | 0.00 | 1040.00 | 490.00 | 08/28/95 | 08/28/95 | 09/30/95 | 09/26/95 | | |
| T09-9509-001 | ECA2013SA | MOJAVE PLASTICS RE | 1 | M | Y | I | LEWIS | | RANDALL | | | 100 | 49.00 | 16500.00 | 2631.26 | 09/06/95 | 09/06/95 | 09/30/95 | 09/26/95 | | |
| T09-9509-002 | ECA2014SA | PICO ROAD ORDINANC | 1 | H | Y | I | SHANE | | WISE | | | 200 | 51.00 | 30000.00 | 2149.54 | 09/08/95 | 09/11/95 | 09/30/95 | 09/26/95 | | |
| T09-9509-201 | EAZ0415JA | SANDERS AVIATION | 1 | L | N | I | DUNKELMAN | | CASTRO-WEH | | | 0 | 0.00 | 950.00 | 403.48 | 09/05/95 | 09/05/95 | 10/15/95 | 09/28/95 | | |
| T09-9509-202 | ECA2014AA | PICO ROAD ORDINANC | 1 | H | N | I | SHANE | | WISE | | | 0 | 0.00 | 1350.00 | 630.00 | 09/18/95 | 09/18/95 | 09/30/95 | 09/26/95 | | |
| T09-9510-001 | E09Z001GK | GENERAL PROGRAM MA | 1 | H | Y | O | LEWIS | | CHAMBERS | | | 1000 | 797.00 | 82800.00 | 39973.22 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-002 | E09Z002GK | OPA GENERAMAL MANA | 2 | H | Y | O | LEWIS | | CHAMBERS | | | 100 | 14.00 | 5300.00 | 609.56 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-003 | E09Z004VK | EPA REGIONAL 9 SPI | 1 | H | Y | O | LEWIS | | CLEMENS | | | 700 | 376.00 | 38000.00 | 14335.07 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-004 | E09Z007TK | GENERAL TAT TRAINI | 1 | M | Y | O | LEWIS | | CLEMENS | | | 700 | 120.00 | 39600.00 | 4690.35 | 09/28/95 | 10/02/95 | 12/31/95 | | | |

DATE: 12/07/95
TIME: 15:10:51

ECOLOGY & ENVIRONMENT, INC.
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TDD MONTHLY STATUS

Active TDDS: October 1, 1994 THROUGH November 30, 1995

| F=Funding: (1=CERCLA,2=OPA,3=UST,4=OTHER,5=CEPP) | | | P=PRIORITY: (High/Medium/Low) | | | S=STATUS: (initializEd/Open/Interim/Closed) | | | | | | | | | | | | | |
|--|-----------|--------------------|-------------------------------|---|---|---|---|-----------|------------|-----------|--------------|-------------|-----------------|---------------|---------------|---------------|--------------|---------------|--------------|
| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC MGR | E&E MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TATL DATE | AOC DPO DATE |
| T09-9510-005 | E09Z177GD | TAT EQUIPMENT MAIN | 1 | M | Y | O | | LEWIS | DUNCAN | 1300 | 636.50 | 86000.00 | 24650.32 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-006 | E09Z132VC | SPECTRACE EVALUATI | 1 | M | N | O | | LEWIS | EDWARDS | 40 | 11.00 | 2340.00 | 608.77 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-007 | E09Z166NC | DIGITIZATION PILOT | 1 | M | N | O | | LEWIS | KUERZEL | 300 | 90.50 | 20000.00 | 2504.96 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-008 | E09Z023NH | REGIONAL CERCLIS C | 1 | M | N | O | | LEWIS | LAWRENCE | 110 | 59.00 | 5610.00 | 1700.94 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-009 | E09Z062QH | PROGRAM QA/QC COOR | 1 | M | N | O | | LEWIS | LAWRENCE | 275 | 88.50 | 14725.00 | 2587.16 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-010 | E09Z200GA | REGIONAL HEALTH & | 1 | M | Y | O | | LEWIS | JONES | 955 | 128.50 | 75565.00 | 5900.14 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-011 | E09Z201GA | TAT ADMINISTRATIVE | 1 | M | Y | O | | LEWIS | CRUZ | 2350 | 0.00 | 120350.00 | 33756.60 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-012 | E09Z202VA | ON-CAL/RESPONSE CA | 1 | H | Y | O | | LEWIS | EDWARDS | 422 | 254.63 | 21522.00 | 7603.35 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-013 | E09Z203QA | ANALYTICAL QUALITY | 1 | M | Y | O | | LEWIS | EDWARDS | 100 | 19.50 | 6100.00 | 877.73 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-014 | E09Z204QA | TECHNICAL QUALITY | 1 | M | N | O | | LEWIS | CASTRO-WEH | 265 | 67.00 | 14500.00 | 3593.57 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-015 | E09Z205NA | COMPUTER SUPPORT F | 1 | M | N | O | | LEWIS | MARTIN | 500 | 155.50 | 25850.00 | 11188.23 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-016 | E09Z206GA | REGIONAL CONTRIBUT | 1 | M | N | O | | LEWIS | CHAMBERS | 0 | 0.00 | 82516.00 | 0.00 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-017 | E09Z003PD | CEPP GENERAL PROGR | 5 | M | Y | O | | ARDITON | CASTRO-WEH | 40 | 25.00 | 2090.00 | 1248.99 | 10/03/95 | 10/03/95 | 10/30/95 | | | |
| T09-9510-018 | E09Z171PC | EMERGENCY AIR MONI | 5 | M | Y | O | | ARDITO | EDWARDS | 100 | 78.50 | 5400.00 | 3338.72 | 10/02/95 | 10/02/95 | 12/30/95 | | | |
| T09-9510-019 | E09Z090PD | OAHU FULL-FIELD EX | 5 | M | Y | O | | ARDITO | GUEVARRA | 40 | 34.00 | 2240.00 | 1062.43 | 09/28/95 | 10/02/95 | 12/30/95 | | | |
| T09-9510-020 | E09Z189PB | EVACUATION GUIDANC | 5 | M | Y | O | | ARDITO | ESTEY | 80 | 44.00 | 4180.00 | 2812.05 | 10/03/95 | 10/03/95 | 12/30/95 | | | |
| T09-9510-021 | E09Z175PB | SOUTHERN PACIFIC R | 5 | H | Y | O | | ARDITO | CASTRO-WEH | 10 | 0.00 | 700.00 | 28.77 | 09/28/95 | 10/02/95 | 12/30/95 | | | |
| T09-9510-022A | ECA1218FB | FRONTIER FERTILIZE | 1 | M | Y | O | | MANDEL | COLEN | 520 | 358.50 | 31020.00 | 16045.65 | 12/04/95 | 12/05/95 | 12/31/95 | | | |
| T09-9510-023 | EAZ0444FC | NAVAJO TOXAPHENE | 1 | M | Y | O | | MANDEL | WALDER | 225 | 38.00 | 16325.00 | 1085.66 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-024 | ECA1211VD | DIAMOND 20 SUBDIVI | 1 | H | Y | O | | SHANE | EDWARDS | 25 | 28.50 | 1475.00 | 1639.33 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-025 | ECA0561MB | DODSON BROTHERS OF | 1 | H | Y | O | | SHANE | WISE | 120 | 45.00 | 7260.00 | 1848.41 | 10/03/95 | 10/04/95 | 12/31/95 | | | |
| T09-9510-026 | ECA1973FB | CENTRAL EUREKA MIN | 1 | H | Y | O | | SHIPLEY | MCDONALD | 1500 | 530.50 | 86500.00 | 21858.11 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-027 | ECA1973SC | CENTRAL EUREKA MIN | 1 | M | Y | I | | SHIPLEY | DUNCAN | 40 | 29.50 | 3240.00 | 1093.02 | 10/02/95 | 10/02/95 | 12/31/95 | 11/13/95 | | |
| T09-9510-028 | ECA1019FE | DEL NORTE COUNTY P | 1 | M | Y | O | | MANDEL | WHITAKER | 300 | 98.00 | 21000.00 | 4876.49 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-029 | ECA0156FE | CASMALIA RESOURCES | 1 | H | Y | O | | ZUROSKE | JONES | 2500 | 1577.00 | 183010.00 | 66006.52 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-030 | ENV0054RD | SPARKS SOLVENT/FUE | 1 | H | Y | O | | ZUROSKE | WHITAKER | 350 | 170.00 | 22000.00 | 9858.91 | 09/28/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-031 | EAZ0415SC | SANDERS AVIATION | 1 | M | Y | O | | DUNKELMAN | MILAM | 1000 | 139.00 | 68800.00 | 6168.52 | 10/06/95 | 10/10/95 | 12/30/95 | | | |
| T09-9510-032 | EAZ0434RD | YAVAPAI PENTA POND | 1 | H | Y | O | | LAWRENCE | CASTRO-WEH | 120 | 74.50 | 7500.00 | 3396.81 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-033 | ECA1940RB | OMEGA RECOVERY SER | 1 | H | Y | O | | LAWRENCE | SCHWENNESE | 250 | 260.00 | 13600.00 | 9299.04 | 10/02/95 | 10/02/95 | 12/31/95 | | | |
| T09-9510-034 | E09Z191VB | OIL SPILL EXERCISE | 2 | M | Y | I | | SUTER | BAILARD | 10 | 15.00 | 610.00 | 988.70 | 10/03/95 | 10/03/95 | 12/31/95 | 10/18/95 | | |
| T09-9510-035 | E09Z193QA | TECHNICAL QA EXCHA | 1 | H | N | I | | LAWRENCE | CASTRO-WEH | 200 | 222.50 | 11000.00 | 9565.20 | 10/06/95 | 10/10/95 | 11/15/95 | 10/31/95 | | |
| T09-9510-036 | E09Z194NA | BULLETIN BOARD SYS | 1 | L | N | O | | LEWIS | RANDALL | 80 | 0.00 | 4380.00 | 28.77 | 10/17/95 | 10/17/95 | 12/31/95 | | | |
| T09-9510-037 | E09Z195VA | LEVEL A JUSTIFICAT | 1 | L | N | O | | LEWIS | WISE | 80 | 42.00 | 4580.00 | 1420.29 | 10/17/95 | 10/17/95 | 12/31/95 | | | |
| T09-9510-038 | ECA2015SA | GIBSON ENVIRONMENT | 1 | H | Y | I | | LAWRENCE | BENSON | 80 | 77.00 | 4300.00 | 3811.46 | 10/23/95 | 10/23/95 | 12/31/95 | 12/06/95 | | |
| T09-9510-039 | ECA2016SA | GIBSON ENVIRONMENT | 1 | H | Y | O | | LAWRENCE | MILAM | 80 | 49.00 | 4300.00 | 2115.11 | 10/23/95 | 10/23/95 | 12/31/95 | | | |
| T09-9510-040 | E09Z196VA | CPT EVALUATION | 1 | L | N | O | | LEWIS | HAMRICK | 120 | 106.00 | 6320.00 | 3617.25 | 10/23/95 | 10/23/95 | 12/31/95 | | | |
| T09-9510-041 | E09Z172TE | CCC TRAINING | 1 | L | Y | O | | LEWIS | WISE | 100 | 27.00 | 6000.00 | 1040.01 | 10/24/95 | 10/25/95 | 12/31/95 | | | |
| T09-9510-042 | ECA1990FA | VERDESE CARTER PAR | 1 | H | Y | O | | SHANE | MARTIN | 450 | 77.00 | 72000.00 | 2850.26 | 11/01/95 | 11/02/95 | 12/31/95 | | | |
| T09-9510-101 | E09Z166JA | DIGITIZATION PILOT | 1 | M | N | I | | LEWIS | KUERZEL | 0 | 0.00 | 970.00 | 308.33 | 10/16/95 | 10/17/95 | 12/31/95 | 10/25/95 | | |
| T09-9511-001 | ECA2012RA | AMERICAN CHROME | 1 | H | Y | O | | LEWIS | LAWRENCE | 150 | 19.00 | 8110.00 | 793.72 | 11/02/95 | 11/02/95 | 12/31/95 | | | |
| T09-9511-002 | ECA1967FC | SUPERCHROME PLATIN | 1 | H | Y | O | | LEWIS | WISE | 50 | 21.00 | 2600.00 | 800.67 | 11/02/95 | 11/02/95 | 12/31/95 | | | |

DATE: 12/07/95
TIME: 15:10:51

ECOLOGY & ENVIRONMENT, INC.
REGION 09

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TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH November 30, 1995

F=Funding: (1=CERCLA, 2=OPA, 3=UST, 4=OTHER, 5=CEPP) P=PRIORITY: (High/Medium/Low) S=STATUS: (initialized/Open/Interim/Closed)

| TDD NUMBER | PAN | SITE NAME | F | P | O | T | S | OSC | MGR | E&E | MGR | EST HOURS | ACTUAL HOURS | EST DOLLARS | ACTUAL DOLLARS* | TDD ISSU DATE | TDD RECD DATE | TDD COMP DATE | AOC INT DATE | AOC TATL DATE | AOC DPO DATE |
|--------------|-----------|--------------------|---|---|---|---|---|----------|-----|------------|-----|--------------|-----------------|----------------|--------------------|------------------|------------------|------------------|-----------------|------------------|-----------------|
| T09-9511-101 | ECA1967KB | SUPERCHROME PLATIN | 1 | H | N | O | | LEWIS | | WISE | | 24 | 24.00 | 2224.00 | 2066.41 | 11/15/95 | 11/15/95 | 12/31/95 | | | |
| T09-9511-102 | EAZ0434AD | YAVAPAI PENTA POND | 1 | M | N | O | | LAWRENCE | | CASTRO-WEH | | 0 | 0.00 | 4094.00 | 0.00 | 11/27/95 | 11/27/95 | 12/31/95 | | | |

APPENDIX B

REGION IX - ACTIVITY ACCOUNTY SUMMARY REPORT

Date: 12/07/95
Time: 15:11:56

ECOLOGY & ENVIRONMENT, INC.
ACTIVITY ACCOUNT SUMMARY REPORT
For Period 11/01/95 through 11/30/95
09

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| EPA Activity | TDD ASSIGNMENTS FOR PERIOD | | | | INCEPTION THRU END OF PERIOD | | | Remaining Open |
|------------------------|----------------------------|---------|--------|-----------|------------------------------|---------|--------|-------------------|
| | Opened | Interim | Closed | Completed | Opened | Interim | Closed | |
| Analytical Services | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Removal Funded | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 7 |
| Program Mgmt. | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 6 |
| Special Projects | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Corp. Special Projects | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| On Site Monitoring | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Information Mgmt. | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| Preparedness | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| Quality Assurance | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 3 |
| Removal PRP | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| Site Assessment | 0 | 1 | 0 | 1 | 4 | 1 | 0 | 3 |
| Training | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| Technical Assistance | 0 | 0 | 0 | 0 | 7 | 1 | 0 | 6 |
| TOTAL | 4 | 1 | 0 | 1 | 47 | 4 | 0 | 43 |

NOTE: "Opened" reflects all TDD numbers opened during the period specified.
"Interim" reflects all TDDs signed as interim closures BUT NOT final closures during the period specified.
"Closed" reflects all TDDs signed as final closures during the period specified.
"Completed" reflects all TDDs signed as interim closures or final closures for the first time during the specified period.